Amendments to the Claims

1. (Currently Amended) A method of inhibiting invasiveness of metastatic tumor cells of epithelial tissue origin, the method comprising contacting said cells with an antisense molecule comprising a nucleotide sequence comprising SEQ ID NO: 7 ~~or a fragment thereof that~~, which hybridizes to an RNA sequence of a thrombin receptor, thereby interfering with the process of mRNA translation into protein.

2-4. (Canceled).

5. (Previously Presented) A method according to claim 1 wherein said epithelial tissue is selected from the group consisting of breast, esophagus, kidney, prostate, ovary, melanoma and bladder.

6-8. (Canceled).

9. (Currently Amended) An expression vector encoding an antisense molecule comprising a nucleotide sequence comprising SEQ ID NO: 7 ~~or a fragment thereof that hybridizes to an RNA sequence of a thrombin receptor protein, wherein said nucleotide sequence consists of between 250 and 600 base pairs~~.

10. (Currently Amended) A pharmaceutical composition comprising an active factor and a pharmaceutically acceptable carrier, said active factor being an antisense molecule comprising a nucleotide sequence comprising SEQ ID NO: 7 ~~or a fragment thereof that hybridizes to an RNA sequence of a thrombin receptor, thereby interfering with the process of mRNA translation into protein~~.

11-19. (Canceled).

20. (Previously Presented) An antisense molecule comprising SEQ ID NO: 7.

21. (Previously Presented) A method according to claim 1, wherein said antisense molecule is an expression vector containing said nucleotide sequence in an antisense orientation.

22. (Canceled).

23. (Previously Presented) The pharmaceutical composition according to claim 10, wherein said antisense molecule is an expression vector containing said nucleotide sequence in an antisense orientation.

24-26. (Canceled).

27. (Currently Amended) A method of inhibiting invasiveness of placental cytotrophoblast cells, the method comprising contacting said cells with an antisense molecule comprising a nucleotide sequence comprising SEQ ID NO: 7 ~~or a fragment thereof that~~, which hybridizes to an RNA sequence of a thrombin receptor, thereby interfering with the process of mRNA translation into proteins.

28. (Previously Presented) A method according to claim 27, wherein said antisense molecule is an expression vector containing said nucleotide sequence in the antisense orientation.

29. (Canceled).